

**University of Cincinnati**  
**NIOSH-supported Education and Research Center Pilot Research Project**  
**Fourth Annual Symposium**

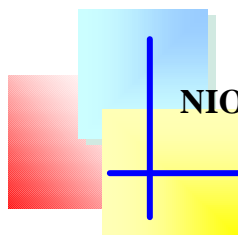
**Kehoe Auditorium – Kettering Laboratory Building**

**10/16/03 Presentations 1:20 PM – 4:40 PM**

THE EXACT TIMES ARE SUBJECT TO CHANGE

Time	Name	Title	Univ
1:20 – 2:00	<b>Keynote Lecturer: Dr. John Howard, Director, NIOSH</b>		
2:00 – 2:20	Jiqin Ni, PhD; Randy L. Beaver; Wm. E. Field, EdD	Pilot Study of On-farm Manure Storage-Related Entrapments and Fatalities	P U
2:20 – 2:40	MaryBeth Genter, PhD; Brent Edwards; Glenn Talaska, PhD	Effects of Alterations of Blood Lipids by Diet on Solvent Air: Blood Partition Coefficients in vitro	UC
2:40 – 3:00	Shirley Rietdyk, PhD James McGlothlin, PhD	How is Postural Stability Affected by Age and Manual Materials Handling in the Occupational Environment	P U
3:00 – 4:00	<b>B R E A K – Kettering Lobby</b> <b>POSTERS – Kettering Atrium</b>		
4:00 – 4:20	Wei-Hsung Wang, PhD; Frank Rosenthal, PhD; Edward Gazdik	Determination of the Attenuation Properties of Laboratory Gloves Exposed to Ultraviolet Tran illuminators	P U
4:20 – 4:40	Debra S. Hall Juliann Sebastian, PhD	A Supportive Nursing Care Unit for Registered Nurses	UK
<b>10/17/03 Presentations 8:30 AM – 11:20 PM</b>			
8:30 – 8:40	<b>Opening Remarks</b>		
8:40 – 9:00	Hernando R. Perez Neil Zimmerman, PhD	Validation of a Method to Qualify Fungi on Heating Ventilation and Air Conditioning System Filters	P U
9:00 – 9:20	Nancy E. Johnson T. Scott Prince, M.D.	Screening for Early Asthma Symptoms in Healthy Workers	UK
9:20 – 9:40	Tarek Sobeih, MD Kermit Davis, PhD	Postural Sway Measurements Among Firefighters	UC
9:40 – 10:40	<b>B R E A K – Kettering Lobby</b> <b>POSTERS – Kettering Atrium</b>		
10:40 – 11:00	Christian Shoaf, PhD James Dewees	Perceived Risk as a Predictor of WMSDs	UC
11:00 – 11:20	Huajun Lu Neil Zimmerman, PhD	Evaluation of Activated Carbon Fibers for Removal of Indoor Volatile Organic Compounds	P U

PU = Purdue University, UC - University of Cincinnati, UK = University of Kentucky, WKU = Western Kentucky University



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**Posters**

**The Atrium – Kettering Laboratory Building**

<b>Poster No.</b>	<b>Name</b>	<b>Title</b>	<b>Univ</b>
1	Glenn Talaska, PhD Marilyn Gardner, PhD	Developing a Health Beliefs Model for Intervention Effectiveness in Auto mechanics	UC WKU
2	Trang Nguyen, MD; Kermit Davis, PhD	Evaluating the Return-to-Work Utility of FCEs	UC
3	Atin Adhikari, Ph.D.	Personal Exposure of Farmers to Airborne Pollen and Fungal Spores During Different Agricultural Activities	UC
4	Shu-An Lee; Tiina Reponen, PhD; Sergey Grinshpun, Ph.D.; Rakesh Shukla, Ph.D.; Andrew Maynard, Ph.D.	Evaluation of the Workplace Protection Factor (WPF) of N95 Face piece Respirators Against Fungal Spores Using Non-biological Particles as Simulants	UC
5	Emma-Jane Fennell; Scott Clark, Ph.D.; Susan Pinney, Ph.D.; Linda Levin, Ph.D.	Patterns of Cistern Drinking Water Use in a Semi-Rural Community for Exposure Assessment	UC
6	Seung-Hyun Cho; Tiina Reponen, PhD; Sergey Grinshpun, Ph.D.)	Characterization of Size Distribution of Released Fungal Propogules from Contaminated Surfaces	UC
7	Tushyati Maugalya Ash Genaidy, Ph.D.	A Study of Musculoskeletal Disorders and the Existence and Impact of Cultural Differences in Software Product Development	UC
8	Nancy M. Daraiseh; Ash Genaidy, Ph.D.; Richard Shell, Ph.D.; L. Sue. Davis, Ph.D.	Using Work Sampling as an Alternative Methodology for the Assessment of Work Factors Leading to Musculoskeletal Symptoms	UC
9	Brian W. Case, MD James Lockey, MD, MS	PFT Effects in Rescue Workers at "Ground Zero"	UC
10	Seung-Hyun Cho Tiina Reponen, PhD	Characterization of Release and Immuno-chemical Activity of Fragments Released from Surfaces Contaminated with <i>Stachybotrys chartarum</i>	UC
11	Kari K. Dunning, PhD, PT	Health Impacts of Occupational Prolonged Standing	UC
12	Jay H. Kim, PhD	Multi-Fractal Analysis for Occupational Health Research	UC
13	Susan E. Kotowski; Kermit G. Davis, PhD	Impact of Realistic Sudden Loading on Back Biomechanics	UC
14	Shu-An Lee Tiina Reponen, PhD	Respiratory Protection Against Viruses: The Protection Provided by Respirators Against SARS-Causing Corona Virus Simulated by Non-Biological Particles	UC
15	Neil Zimmerman, PhD, CIH Huajun Lu	The Study of Applicability of Activated Carbon Fibers (ACF) for Removal of Volatile Organic Compounds (VOC's) in Indoor Environments	PU
16	Ali A. Minaei, PhD, Kermit G. Davis, PhD	Prediction of Postural Stability in the Workplace	UC
17	Neil Zimmerman, PhD, CIH Hernando Perez	Viable Fungal Concentration on HVAC Filters as a Predictor of Building Occupant Respiratory Symptoms and of Average Airborne Fungal Concentrations	PU
18	Said K Abu Salem, PhD Juliann G. Sebastian, PhD	How do Home Health Nurses Deal with Care Errors?	UK
19	Sam Salem, PhD	Psychosocial Factors and MSS Among Construction Workers	UC
20	Hongxia Wang Tiina Reponen, PhD	Aerosolization of Fine Particles from Metalworking Fluids Contaminated with Microorganism	UC
21	Venkat Venkatasubramanian, PhD Chunhua Zhao, PhD	Learning in Intelligent Systems for Process Hazards Analysis	PU